

Certificate number	7671 Rev.2	Replaces	7671 Rev.2
Issued	11/12/2024	First edition	30/08/2024
Report number	PKC0012422	Expiry date	29/08/2029
Page	1 of 2	Contract number	PKC0013172

Product Certificate Photovoltaic (PV) Panels

License holder: **3S Swiss Solar Solutions AG**
Schorenstrasse 39, CH-3645 Gwatt (Thun), Switzerland

Production site(s): 3S Swiss Solar Solutions AG
- Schorenstrasse 39, CH-3645 Gwatt (Thun), Switzerland;
- Rütimoosstrasse 5 CH-3076 Worb, Switzerland

Model(s): TeraSlate Black 6DL-225; TeraSlate Black 6DL-220; TeraSlate Black 6DQ-165;
TeraSlate Black 6DM-145; TeraSlate Black 6DM-150; TeraSlate Black 6DS-110;
TeraSlate Black 6DL- 220.ST
(see Annex)*

The product as listed in this certificate and marked with the below given Kiwa Cermet Italia mark for Photovoltaic (PV) Panels, can be considered complying to the requirements of Kiwa Cermet Italia Guideline "TD Ki – 0409, Solar Products and Components" based upon the following aspects:

Laboratory testing of the panels, which are performed by an accredited laboratory in accordance to ISO/IEC 17025 -see annex-, using the following standards:

- IEC 61215-1:2021 / EN IEC 61215-1:2021
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test requirements
- IEC 61215-1-1:2021 / EN IEC 61215-1-1:2021
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules
- IEC 61215-2:2021 / EN IEC 61215-2:2021
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures
- EN IEC 61730-1:2018
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction
- EN IEC 61730-2:2018
Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing

Remarks: to be used in plants at a maximum system voltage (Voc at STC) up to 1000 Vdc (Class II); fire test (IEC 61730-2 / MST 23) was not performed.

Periodic Inspection of the Factory site(s), according to "TD Ki – 0409", which includes:

- inspection of the manufacturing quality control and production procedures;
- inspection of the produced panels and confirmation that these are identical to the tested panels;
- periodic verification of the manufacturer test facilities.

This certificate is issued in accordance with the Kiwa Cermet Italia regulations.

Publication of the certificate is allowed.

The validity of this certificate is subject to the positive result of periodic surveillance visits.

The validity of this certificate can be verified on request at the following e-mail address: energy@kiwacermet.it.

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Kiwa Cermet Italia S.p.A.

**Società con socio unico, soggetta
all'attività di direzione e
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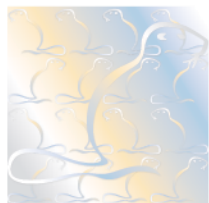
Industry Division Manager
Maurizio Lorenzon



PRD N° 0069PRD

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements





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Annex*

Model name	Cells number	Cell size (mm)	Cell technology	Module size (mm)	Rated power (Wp)
TeraSlate Black 6DL-225	48	210x105	Mono-Si PERC	1300x935x6.5	225
TeraSlate Black 6DL-220	48	210x105	Mono-Si PERC	1300x935x6.5	220
TeraSlate Black 6DQ-165	36	210x105	Mono-Si PERC	1300x720x6.5	165
TeraSlate Black 6DM-145	32	210x105	Mono-Si PERC	875x935x6.5	145
TeraSlate Black 6DM-150	32	210x105	Mono-Si PERC	875x935x6.5	150
TeraSlate Black 6DS-110	24	210x105	Mono-Si PERC	875x720x6.5	110
TeraSlate Black 6DL-220.ST	48	210x105	Mono-Si PERC	1300x935x6.5	220

Industry Division Manager
Maurizio Lorenzon

Laboratory test reports nr.: L0012422/A rev.00; L0012422/B rev.00; L0012422/C rev.01; L0012422/D rev.01; L0012422/E rev.01; L0012807/B rev.01; 2236.0CI0265/23; G2024222-5La_V1; DE2400DW 001; L0012748/A rev.00; L0012748/B rev.00; G2024222-6La_V1; G2024222-7La_V1; L0012749 rev.01; L0013146 rev.00; L0013281/A rev.00; L0013287/A1 rev.00; L0013287/A2 rev.00; L0013287/A3 rev.00; L0013351/A rev.00; L0011546/B rev.00.

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